

What is claimed is:

1. A communication device comprising:

5 a microphone to detect an audio input, the microphone generating a
corresponding audio signal based on the audio input; and
a circuit board coupled to receive the audio signal from the microphone,
the circuit board including a circuit to modulate the audio signal onto a carrier
frequency to which a corresponding radio is tuned.

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- 1 2. A vehicle communication system comprising:
- 2 a microphone constructed and arranged to receive a voice signal from a person
- 3 located closest to the microphone;
- 4 a low noise, operational amplifier capacitively coupled to the microphone;
- 5 a phase shifting network coupled to the amplifier and constructed and arranged to
- 6 improve the phase margin of the amplifier and to reduce audio feedback;
- 7 a slide potentiometer constructed and arranged to drive an output device and to
- 8 control an output volume.